



**A high-resolution, quad-head KVM extender. High-definition video, USB 2.0 and audio are transmitted on a single CATx or fiber cable.**

High performance KVMA extender that is designed to provide reliable and real-time access to critical computers - regardless of the location, while maintaining the same user desktop user experience.

## ADDERLink® XD614 R

### Quad-Head High-Definition Video

Supports quad-head 1920x1200@60Hz or single head 4096x2160@60Hz (DCI 4K60). Quad-head enabled over a single cable using DisplayPort 1.2 Multi-Stream Transport (MST) technology.

### Emulated USB 2.0

Emulation ensures reliable connection of up to four full and low speed HID devices, from mouse and keyboards through to graphics tablets and jog shuttles.

### Digital Audio over DisplayPort

Supports two channels of 24-bit, 192kHz sampled PCM audio over the DisplayPort connection.

### Up to 4km Extension

Supports both copper and fiber interfaces. Provides a range of up to 100m/328ft over a CAT6 cable link, and up to 4km/2.5 miles over an optical fiber link (Fiber SFP modules sold separately).

### Plug and Play

Uses a low-latency point-to-point protocol over a single CATx or fiber cable that works as soon as it is connected. No network set-up, driver or software is required.

### Analog Audio

Plug analog line in/out and headphones directly into the receiver. Audio is transmitted as bi-directional stereo 24-bit/96kHz using either analog or USB connection to the host.



**ADDER**<sup>®</sup> ADDERLink<sup>®</sup> XD614 R



### Monitor Flexibility

EDID management allows the monitor capabilities to be passed back to the host computer for optimum compatibility. Additionally, a local monitor may be connected at the transmitter side.

### Serial communications

RS232 can be passed between the units to a maximum rate of 115200 baud with RTS/CTS flow control.

#### Video Information (1 Screen)

<b>Maximum Resolution (1 Screen)</b>	4096 x 2160
<b>Frame Rate (1 Screen)</b>	60 Hz
<b>Color Depth (1 Screen)</b>	8 bpc

#### Video Information (2 Screen)

<b>Maximum Resolution (2 Screens)</b>	2560 x 1600
<b>Frame Rate (2 Screens)</b>	60 Hz
<b>Color Depth (2 Screen)</b>	8 bpc

#### Video Information (3 Screen)

<b>Maximum Resolution (3 Screens)</b>	1920 x 1200
<b>Frame Rate (3 Screens)</b>	60 Hz
<b>Color Depth (3 Screen)</b>	8 bpc

#### Video Information (4 Screen)

<b>Maximum Resolution (4 Screens)</b>	1920 x 1200
<b>Frame Rate (4 Screens)</b>	60 Hz
<b>Color Depth (4 Screen)</b>	8 bpc

#### Video Additional Information

<b>Video Additional Information</b>	Supports HD60 Quad-Head or 4K60 Single-Head.
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#### Console Connections

<b>USB B</b>	4x 2.0, True Emulation (HID Only), Full Speed
<b>Full Size DisplayPort</b>	2x 1.2

#### Link Ports

<b>8p8c (RJ45)</b>	1x
<b>SFP+</b>	1x

#### Serial Ports

<b>Serial Connection</b>	1x RS232
<b>Maximum Baud Rate</b>	115200
<b>Serial Additional Information</b>	With RTS/CTS flow control
<b>Serial Connection Type (console)</b>	RJ12 (6p6c)

#### Audio Connections

<b>Audio Type</b>	Analog/Digital
<b>Channels</b>	2x

<b>Audio Direction</b>	Bi-directional
<b>Audio Additional Information</b>	Also supports 2 channels of 24-bit/192kHz PCM audio over the DisplayPort connection
<b>Size (bit)</b>	24
<b>Speed (kHz)</b>	96
<b>Audio In Port</b>	1x 3.5mm jack
<b>Audio Out Port</b>	2x 3.5mm jack

#### Cable Requirements

<b>CAT5e</b>	50m / 164ft
<b>CAT6 (SFTP)</b>	100m / 328ft
<b>Fiber (MM)</b>	400m / 1312ft
<b>Fiber (SM)</b>	4,000m / 13123ft

#### Network Support

<b>10/100 Support</b>	No
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#### Environmental

<b>Operating Temperature Range °C / °F</b>	0 to 40 °C / 32 to 104 °F
<b>Storage Temperature °C / °F Range</b>	-10 to 50 °C / 14 to 122 °F
<b>Operating Humidity (%)</b>	0% - 80% (non-condensing)
<b>Storage Humidity (%)</b>	10% - 90% (non-condensing)
<b>Altitude m/ft</b>	2,000 / 6562
<b>Mean Time Between Failure (MTBF)</b>	500,000 h
<b>MTBF Standard</b>	Telcordia SR332 Issue 4 March 2016 Calculated @ 55C

#### Power Source

<b>12V 3-pin</b>	1x
<b>Input Power Supply</b>	PSU 18W
<b>Power Additional Information</b>	100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unit

#### Physical Design

<b>Construction Material</b>	Robust metal construction
<b>Width (mm) / (in.)</b>	186 / 7.3
<b>Height (mm) / (in.)</b>	39 / 1.5
<b>Depth (mm) / (in.)</b>	148 / 5.8
<b>Weight (kg) / (lb)</b>	1.24 / 2.7

## Front Panel Features

Multi color status LEDs 4x

## Compatibility

**OS Compatibility** All known operating systems

## Approvals and Standards

**Approvals** CE, cULus - E476334, FCC, ICES, RCM, UKCA

**Standards** ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003

**Other** Cal Prop 65, China ROHS, EU REACH, UK REACH



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#### What's in the Box?

1x TX and RX pair

2x Power supply unit with country specific mains cable

1x DisplayPort® cable (VSCD18)

1x USB cable (VSC24)

1x Audio 2m/6ft cable

1x Quick start guide

#### Ordering Information

XD614P-DP-XX

ADDERLink HD quad-head extender

#### Related Accessories (Sold Separately)

ADDER® VSCD DisplayPort™ Cable

ADDER® SFP-SM-LC-10G

ADDER® SFP-MM-LC-10G

ADDER® Rackmount Kit RMK15-SH

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